\sqrt{N}

G7-deaza

Oligo **91-3**:
$$X_1 = R$$
, $X_2 = A$, $X_3 = T$, $X_4 = T$

Oligo **91-4**:
$$X_2 = R$$
, $X_1 = G$, $X_3 = T$, $X_4 = T$

Inosine

11-4:
$$X_2 = R$$
, $X_1 = G$, $X_3 = T$, $X_4 = T$

Abasic (1,3-propanediol)

Oligo **109-4**:
$$X_1 = R$$
, $X_2 = A$, $X_3 = T$, $X_4 = T$

2-NH₂-Purine

3-Nitropyrrole

Nebularine

Oligo **105-4**:
$$X_1 = R$$
, $X_2 = A$, $X_3 = T$, $X_4 = T$

Oligo **105-3**:
$$X_2 = R$$
, $X_1 = G$, $X_3 = T$, $X_4 = T$

$$R = \begin{pmatrix} 0 & N & -NO_2 \\ 0 & P & 0 \\ 0 & P & 0 \\ 0 & 0 & 1 \end{pmatrix}$$

5-Nitroindole

Oligo 107-4 :
$$X_1 = R$$
, $X_2 = A$, $X_3 = T$, $X_4 = T$

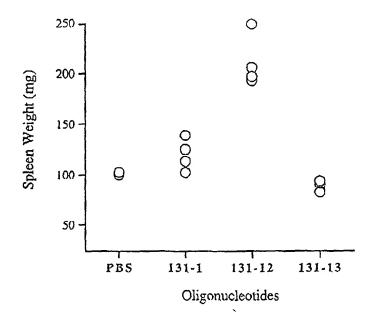
Oligo 107-7:
$$X_4 = R$$
, $X_1 = G$, $X_2 = A$, $X_3 = T$

Giso

FIGURE

1',2'-Dideoxyribose Substitution

HYB No.	Sequences and Modification (5'-3')	Batch No.	M. W.
HYB1158	CTATCTGA <u>CG</u> TTCTCTGT	D7-131-1	
HYB1160	CTAXXTGACGTTCTCTGT	D7-131-12	
HYB1161	CTATCTGAXGTTCTCTGT	D7-131-13	



1',2'-Dideoxyribose Substitution

HYB No.	Sequences and Modification (5'-3')	Batch No.	M. W.
HYB1159	CCTACTAG <u>CG</u> TTCTCATC	D7-133-1	
HYB1162 HYB1163	CCTXXTAGCGTTCTCATC CCTACTAGXGTTCTCATC	D7-133-12	
		D7-133-13	

